

Fisher et al. Phylog of *Chusquea* Supplemental data 3

	Combined chloroplast	<i>ndhF</i> 3'	<i>ndhA</i>	<i>rpl16</i>	<i>trnD-trnT</i>	<i>trnT-trnL</i>	ITS
# of spp. included in dataset	68	68	66	67	68	68	50
Aligned length (bp)	5278	1137	807	1143	1318	873	741
# scored microstructural characters	84	1	13	22	32	16	4
Simple repeat indels	30	0	6	11	9	4	4
Hairpin inversions	5	0	0	1	4	0	0
% missing data	0.71	1.19	1.37	0.43	0.28	0.53	0.47
% A	0.3575	0.2889	0.3451	0.4027	0.3379	0.4151	0.2148
% C	0.1468	0.1654	0.1671	0.1290	0.1577	0.1053	0.3466
% G	0.1630	0.1791	0.1547	0.1615	0.1771	0.1459	0.3227
% T	0.3327	0.3666	0.3331	0.3067	0.3273	0.3337	0.1159
# variable chars (nucleotides)	400	98	47	95	121	73	203
# variable chars (nucleotides + microstructural characters)	446	101	54	108	144	78	207
# PICs (nucleotides)	222	52	32	44	58	51	117
# PICs (nucleotides + microstructural characters)	260	53	37	54	70	62	121
jModelTest dLRT best model	TVM+I+G	HKY+G	TVM+G	K81uf+G	K81uf+I+G	TVM+G	TrN
jModelTest AIC result (models within AIC $\Delta \leq 2$)	TVM+I+G GTR+I+G	GTR+G TVM+G GTR+I+G TVM+I+G	TVM+I+G TVM+G TVM+I GTR+I+G	TIM+G GTR+G TIM+I+G	GTR+I+G TIM+I+G K81uf+I+G TVM+I+G	TVM+G TVM+I+G GTR+G GTR+I+G	TIM3+I+G
Number of nodes resolved (BI)	52	19	19	26	31	25	15
Number of nodes with PP \geq 80 (BI)	43	13	12	25	18	16	8
α parameter value (ML)	0.193	0.2826	0.1961	0.3856	0.9329	0.3358	0.9120